

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)ATTORNEY'S DOCKET
NUMBER

BKRAM-1 P1

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHOTONIC DEVICES FOR OPTICAL AND OPTOELECTRONIC INFORMATION PROCESSING

the specification of which (check only one item below).

- ☐ is attached hereto.
- ☒ was filed as United States application

Serial No. 09/855,741on MAY 16, 2001

and was amended

on ____ (if applicable)

- ☐ was filed as PCT international application

Number ____

on ____

and was amended under PCT Article 19

on ____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under Title 35, United States Code, §119 or 365 (b) of the following United States provisional application(s) and of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR U.S. PROVISIONAL AND FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
PCT	PCT/US00/41720	01/11/2000	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
United States	09/430,885	01/11/1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

POWER OF ATTORNEY: As a named inventor, I hereby appoint I. William Millen (19,544); John L. White (17,746); Anthony J. Zelano (27,969); Alan E.J. Branigan (20,565); John R. Moses (24,983); Harry B. Shubin (32,004); Brian P. Heaney (32,542); Richard J. Traverso (30,595); John A. Sopp (33,103); Richard M. Lebovitz (37,067); John H. Thomas (33,460); James E. Rutland (37,432); Nancy Axelrod (44,014); Jennifer J. Branigan (40,921); Robert E. McCarthy (46,044); and Jonathan G. Brown (47,451) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to Customer No 23599

Telephone No
703/243-6333Direct Telephone Calls to:
Harry B. Shubin



23599

PATENT TRADEMARK OFFICE

Combined Declaration for Patent Application and Power of Attorney (Continued)
 (Includes Reference to PCT Information Applications)

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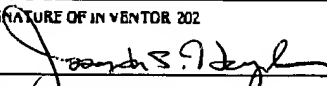

BKRAM-1 P1

201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		CONZONE	Samuel	D.
		Clarks Summit	Pennsylvania	USA
		1606 Applewood Avenue	Clarks Summit	Pennsylvania 18411/USA
202	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		HAYDEN	Joseph	S.
		Clarks Summit	Pennsylvania	USA
		107 Fox Run Circle	Clarks Summit	Pennsylvania 18411/USA
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		MARKER III	Alexander	J.
		Moscow	Pennsylvania	USA
		Box 7176, RR 7	Moscow	Pennsylvania 18444/USA
204	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		WALTHER	Martin	
		Engelstadt	GERMANY	GERMANY
		Hausener Strasse 16	Engelstadt	55270 GERMANY
205	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		LIEBALD	Rainer	
		Nauheim	GERMANY	GERMANY
		Sandbergstrasse 4	Nauheim	64569 GERMANY
206	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		BEER	Ulrich	
		Neu-uern	GERMANY	GERMANY
		ReuHier Str 6	Neu-uern	89231 GERMANY
207	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
		PEUSCHERT	Ulrich	
		Bodenheim	GERMANY	GERMANY
		Ernst-Ludwig Str. 16	Bodenheim	55294 GERMANY

Combined Declaration for Patent Application and Power of Attorney (Continued)
(Include Reference to PCT International Applications)ATTORNEY'S DOCKET NUMBER
BKRAM-1 P1

208	FULL NAME OF INVENTOR	FAMILY NAME SPRENGARD	FIRST GIVEN NAME Ruediger	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Mainz	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Georg-Buechner-Strasse 16	CITY Mainz	STATE & ZIP CODE/COUNTRY 55129 GERMANY
209	FULL NAME OF INVENTOR	FAMILY NAME KALBER	FIRST GIVEN NAME Tobias	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Mainz	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Uferstrasse 29	CITY Mainz	STATE & ZIP CODE/COUNTRY 55116 GERMANY
210	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
212	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	DATE 3 Dec 01	SIGNATURE OF INVENTOR 207	DATE
SIGNATURE OF INVENTOR 202 	DATE November 29, 2001	SIGNATURE OF INVENTOR 208	DATE
SIGNATURE OF INVENTOR 203 	DATE 3 Dec 01	SIGNATURE OF INVENTOR 209	DATE
SIGNATURE OF INVENTOR 204	DATE	SIGNATURE OF INVENTOR 210	DATE
SIGNATURE OF INVENTOR 205	DATE	SIGNATURE OF INVENTOR 211	DATE
SIGNATURE OF INVENTOR 206	DATE	SIGNATURE OF INVENTOR 212	DATE

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(Includes Reference to PCT International Applications)

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201	FULL NAME OF INVENTOR	FAMILY NAME CONZONE	FIRST GIVEN NAME Samuel	SECOND GIVEN NAME D.
	RESIDENCE & CITIZENSHIP	CITY Clarks Summit	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1606 Applewood Avenue	CITY Clarks Summit	STATE & ZIP CODE/COUNTRY Pennsylvania 18411/USA
202	FULL NAME OF INVENTOR	FAMILY NAME HAYDEN	FIRST GIVEN NAME Joseph	SECOND GIVEN NAME S
	RESIDENCE & CITIZENSHIP	CITY Clarks Summit	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 107 Fox Run Circle	CITY Clarks Summit	STATE & ZIP CODE/COUNTRY Pennsylvania 18411/USA
203	FULL NAME OF INVENTOR	FAMILY NAME MARKER III	FIRST GIVEN NAME Alexander	SECOND GIVEN NAME J.
	RESIDENCE & CITIZENSHIP	CITY Moscow	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET Box 7176, RR 7	CITY Moscow	STATE & ZIP CODE/COUNTRY Pennsylvania 18444/USA
204	FULL NAME OF INVENTOR	FAMILY NAME WALTHER	FIRST GIVEN NAME Marten	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Engelstadt	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Hausener Strasse 16	CITY Engelstadt	STATE & ZIP CODE/COUNTRY 55270 GERMANY
205	FULL NAME OF INVENTOR	FAMILY NAME LIEBALD	FIRST GIVEN NAME Rainer	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Nauheim	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Sandbergstrasse 4	CITY Nauheim	STATE & ZIP CODE/COUNTRY 64569 GERMANY
206	FULL NAME OF INVENTOR	FAMILY NAME BEER	FIRST GIVEN NAME Ulrike	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Neu-Ulm	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Reuttier Strasse 6	CITY Neu-Ulm	STATE & ZIP CODE/COUNTRY 89231 GERMANY
207	FULL NAME OF INVENTOR	FAMILY NAME PEUSCHERT	FIRST GIVEN NAME Ulrich	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Bodenheim	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Ernst-Ludwig Str. 16	CITY Bodenheim	STATE & ZIP CODE/COUNTRY 55294 GERMANY

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	RESIDENCE & CITIZENSHIP	CITY Mainz	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Georg-Buechner-Strasse 16	CITY Mainz	STATE & ZIP CODE/COUNTRY 55129 GERMANY
209	FULL NAME OF INVENTOR	FAMILY NAME KÄLHER	FIRST GIVEN NAME Tobias	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Mainz	STATE OR FOREIGN COUNTRY GERMANY	COUNTRY OF CITIZENSHIP GERMANY
	POST OFFICE ADDRESS	STREET Uferstrasse 29	CITY Mainz	STATE & ZIP CODE/COUNTRY 55116 GERMANY
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	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY
212	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE & ZIP CODE/COUNTRY

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SIGNATURE OF INVENTOR 201	DATE	SIGNATURE OF INVENTOR 207 <i>Ulrich Ruediger</i>	DATE 02/01/17
SIGNATURE OF INVENTOR 202	DATE	SIGNATURE OF INVENTOR 208 <i>Rüdiger Sprengard</i>	DATE 02/01/14
SIGNATURE OF INVENTOR 203	DATE	SIGNATURE OF INVENTOR 209 <i>Tobias Käher</i>	DATE 02/01/10
SIGNATURE OF INVENTOR 204 <i>Matthias Walther</i>	DATE 02/01/08	SIGNATURE OF INVENTOR 210	DATE
SIGNATURE OF INVENTOR 205 <i>Matthias Walther</i>	DATE 02/01/14	SIGNATURE OF INVENTOR 211	DATE
SIGNATURE OF INVENTOR 206 <i>Ulrich 35</i>	DATE 02/01/18	SIGNATURE OF INVENTOR 212	DATE